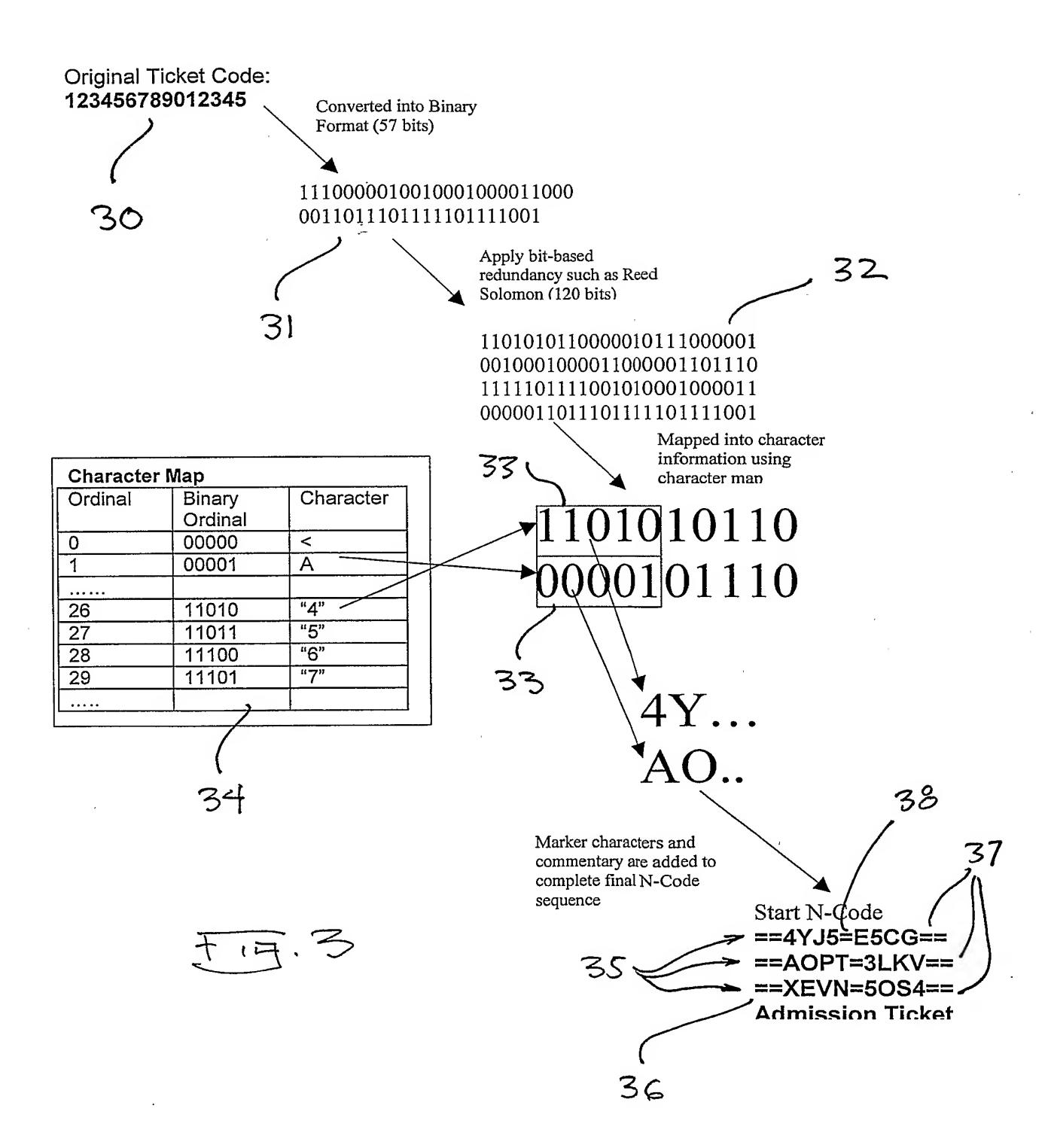
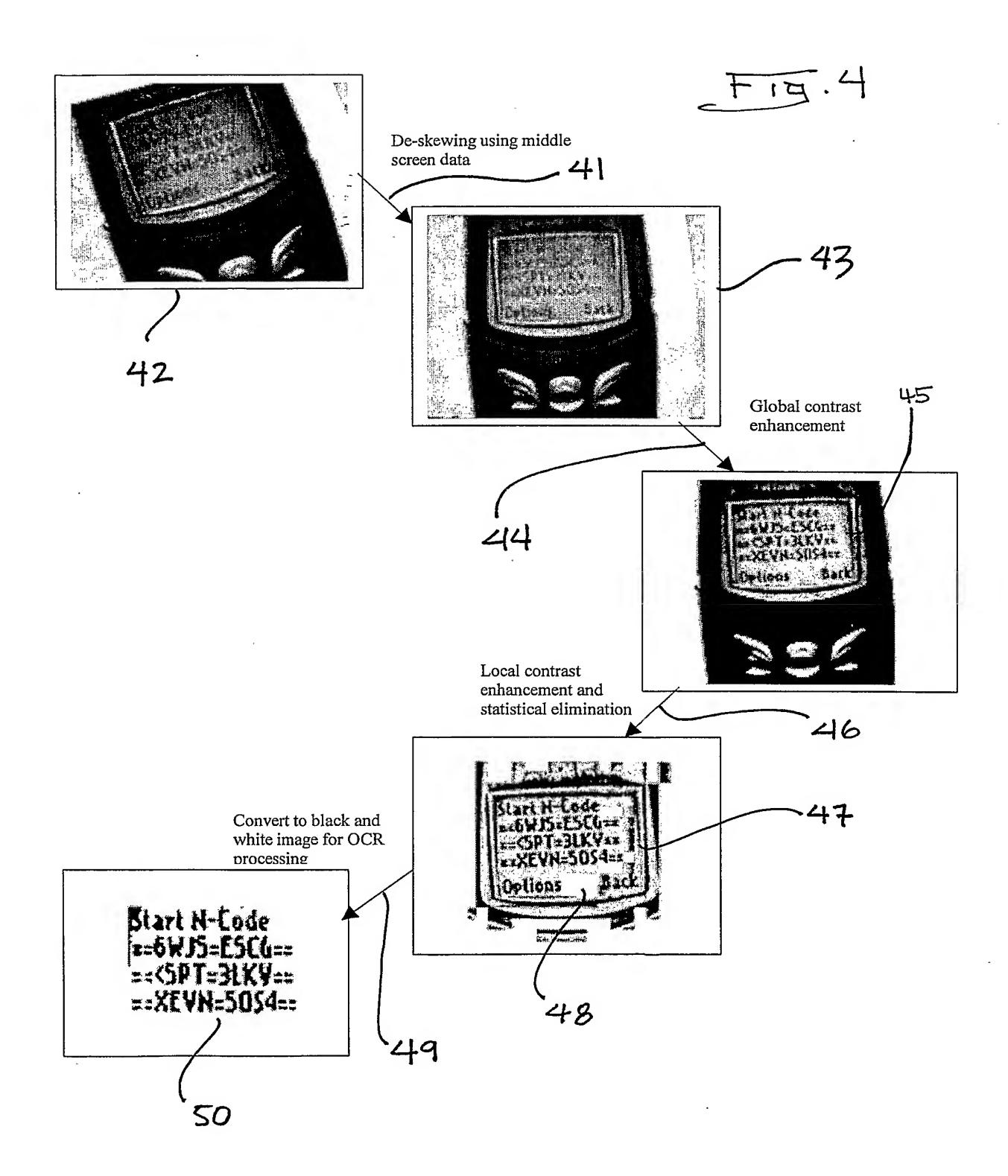
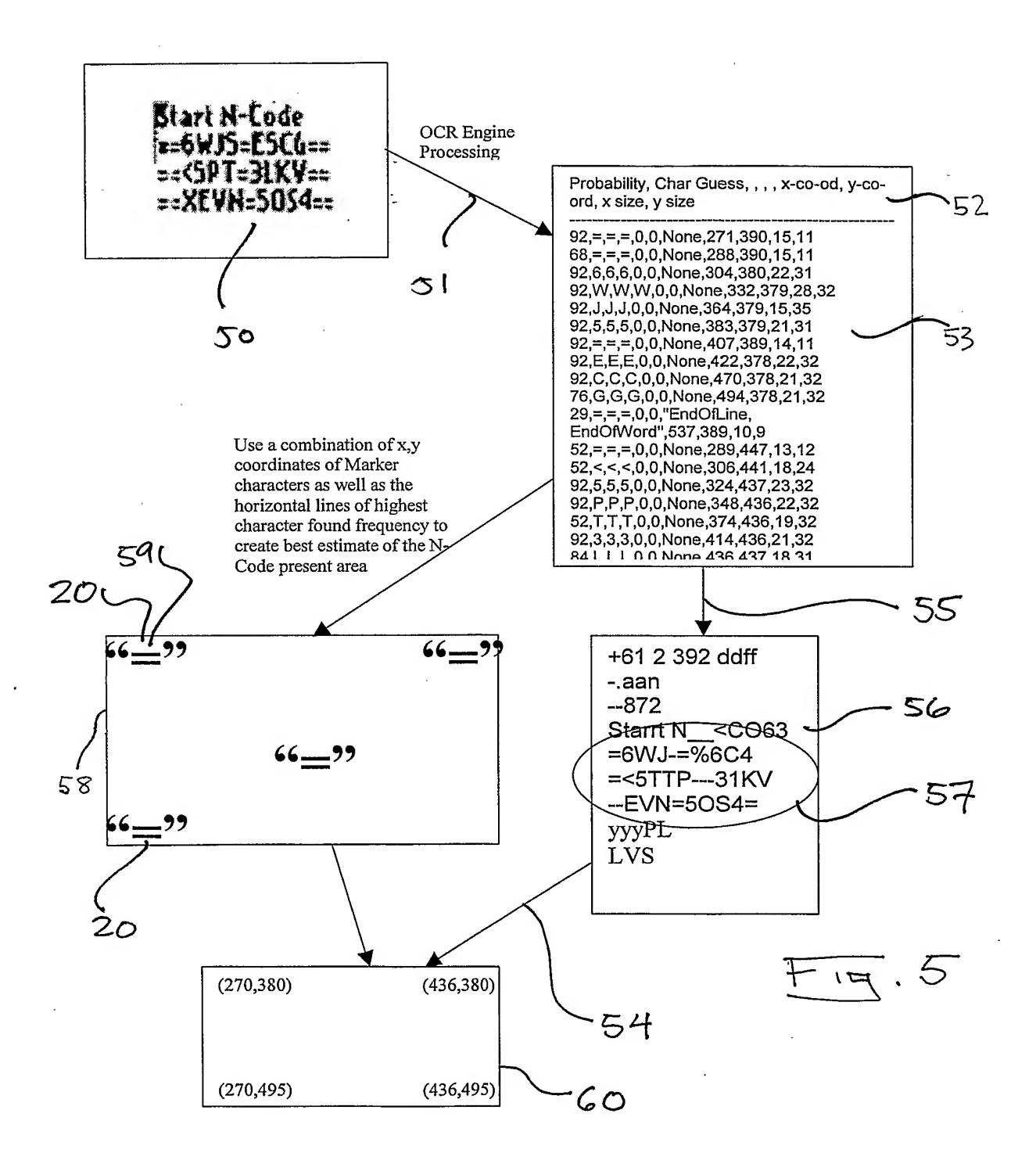


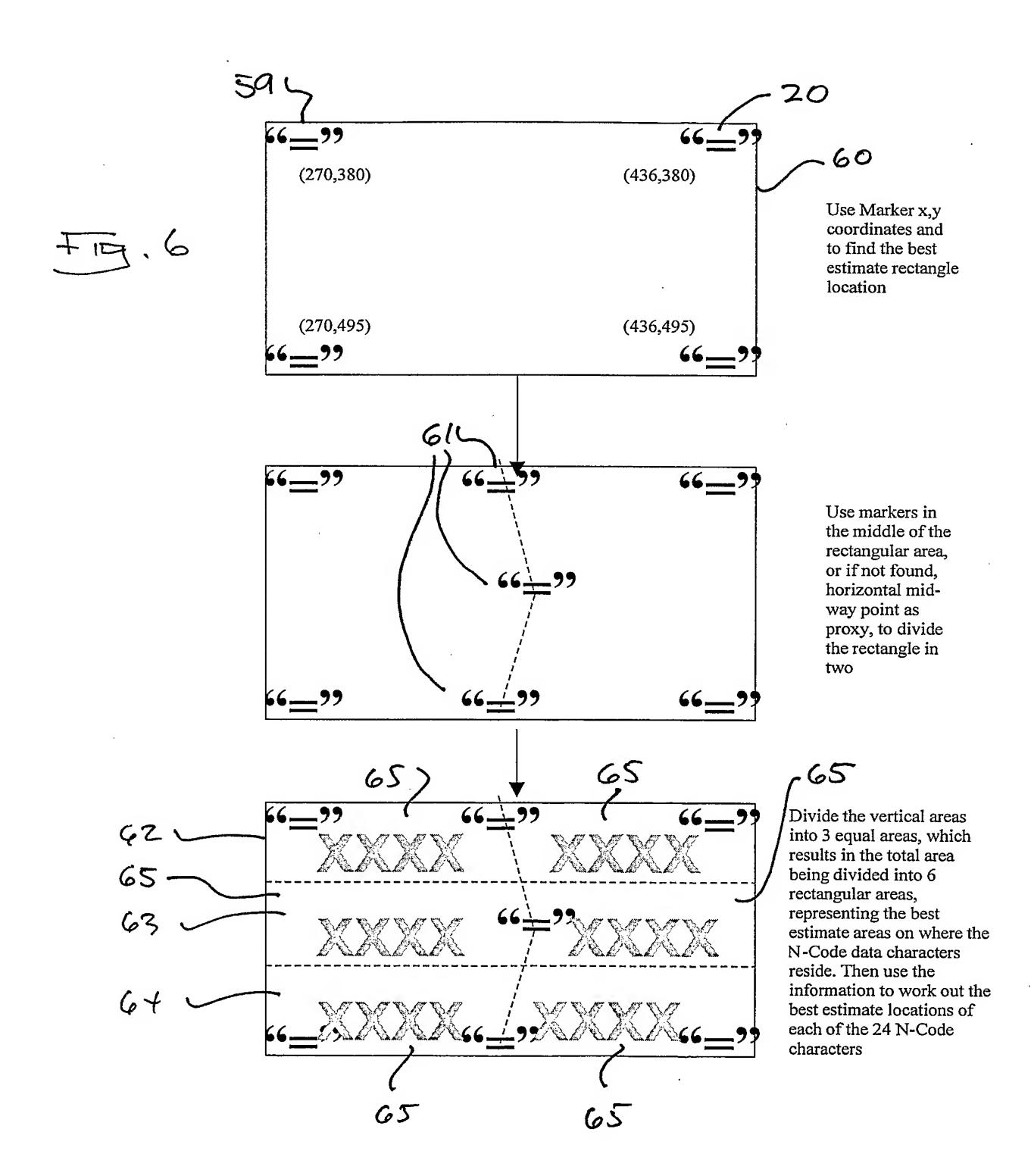
F19.2



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The algorithm determines the closest character returned by the OCR output (denoted by data characters starting with 6, U, etc) to each of the expected character positions (X, X, X, etc), and use that as the best estimate

The algorithm determines the closest character returned by the OCR output (denoted by data characters starting with 6, U, etc) to each of the expected character positions (X, X, X, etc), and use that as the best estimate

The algorithm determines the closest returned by the OCR output (denoted by data characters starting with 6, U, etc) to each of the expected character surrounding "garbage" characters

The algorithm determines the closest evaluate by the OCR output (denoted by data character starting with 6, U, etc) to each of the expected character surrounding "garbage" characters

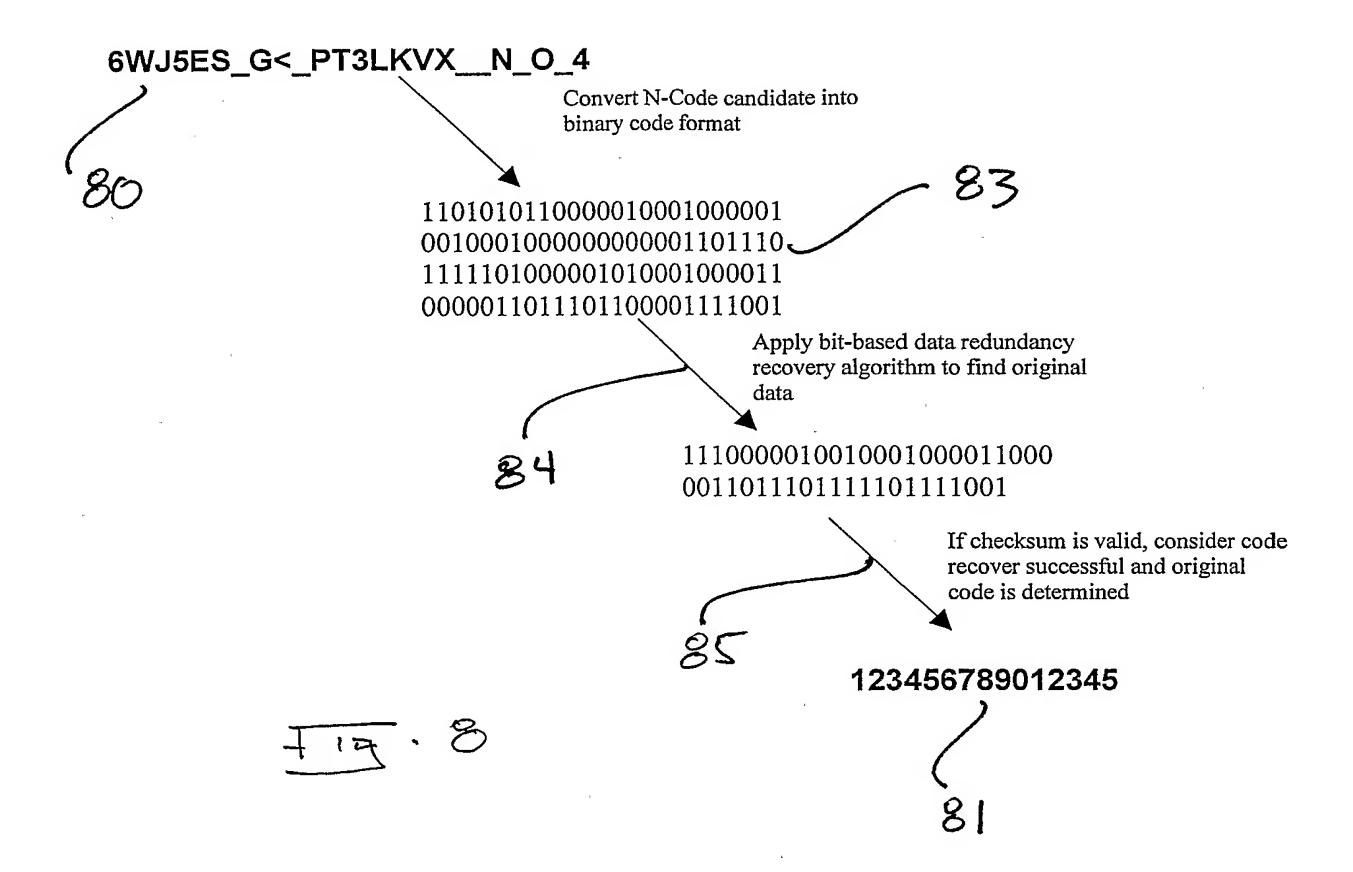
The algorithm determines the closest evaluate by the OCR output (denoted by data character starting with 6, U, etc) to each of the expected in favour of other surrounding "garbage" characters

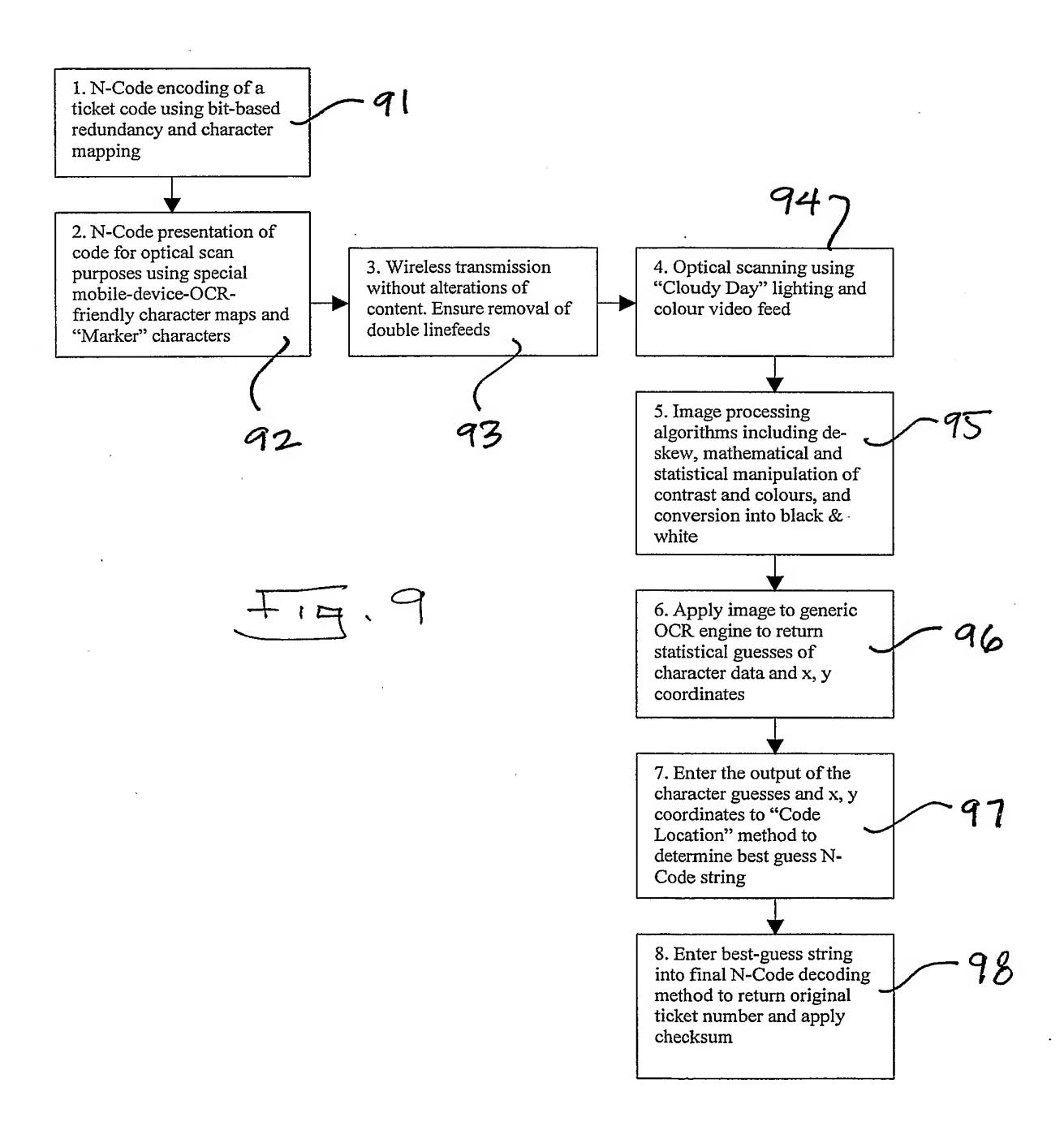
The algorithm determines the closest evaluate the clo

In this instance, the algorithm helps the engine to use <\_PT, and pass in the 2<sup>nd</sup> character as unknown, rather than using thinking <PT3 is the sequence. As <5PT is the actual sequence, this algorithm helps the engine know that it cannot determine what was in the second character, rather than getting 3 wrong with a <PT3 guess – as they will be misplaced

In general, this code-location algorithm helps the engine decide whether a character is there, or missing, and how likely is it to be correct, based on its distance away from the expected location. Also it helps the engine determine the best guess of the 4 data characters, rather than having to examine strings that are longer than 4 characters and be confused which 4 to pass on to the next step

F19.7



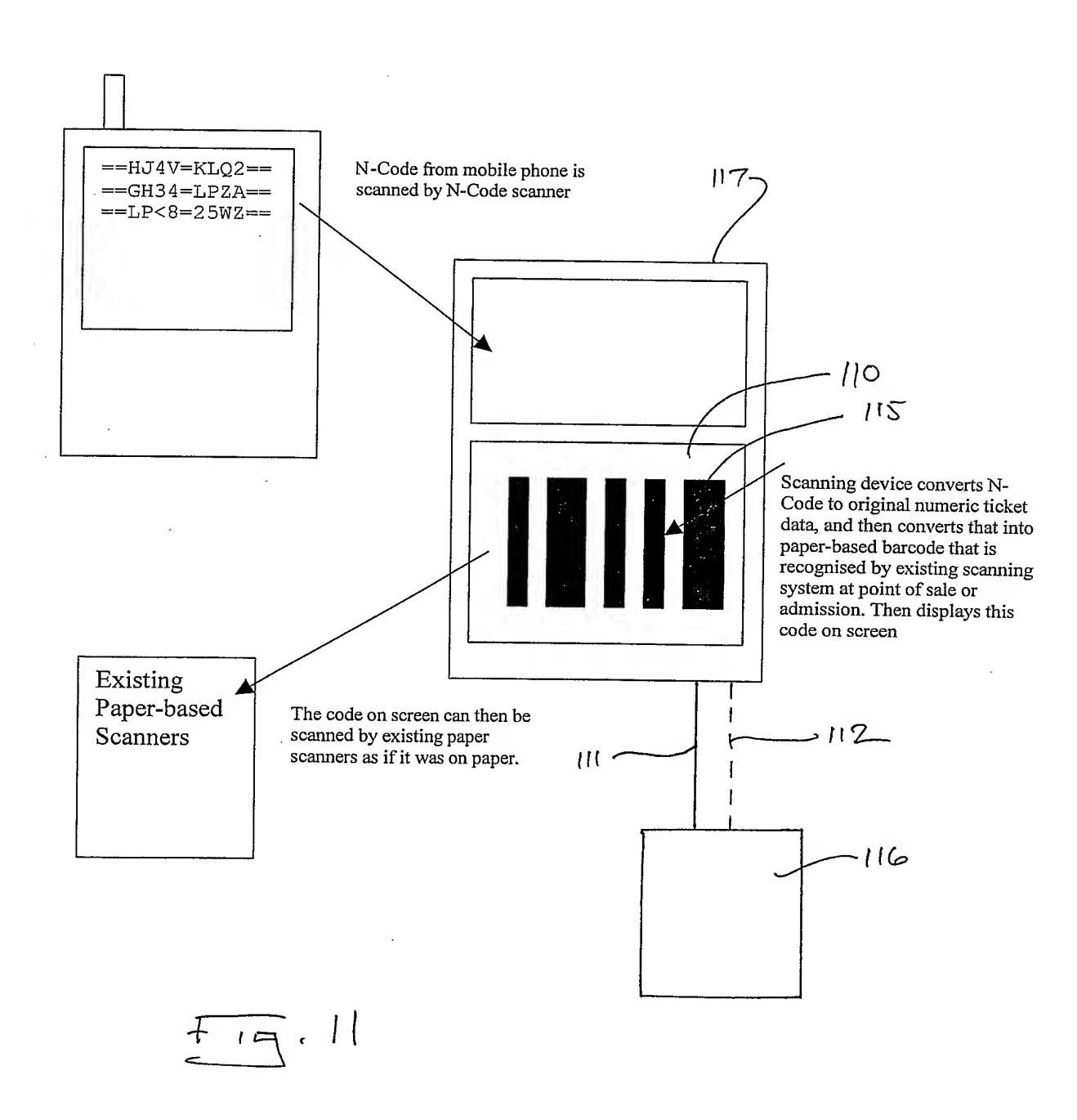


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102	10/12 /101
Required 20-digit Data	Temporary Mapped 12-Digit Data
12345678901234567000	111222333000
12345678901234567001	111222333001
12345678901234567002	111222333002
12345678901234567003	111222333003
98765432109876543000	111222333004
98765432109876543001	111222333005
98765432109876543002	111222333006
98765432109876543003	111222333007
•••	•••

		103	105 106
Mapping Table with Resell a	and Re-issue Requirem	ent /	
Required 20-digit Data	Temporary Mapped 12-Digit Data	Active (Y/N?)	Timestamp
12345678901234567000	111222333000	Υ	
12345678901234567001	111222333001	Υ	
12345678901234567002	111222333002	Υ	
12345678901234567003	111222333003	Υ	107
98765432109876543000	111222333004	Υ	
98765432109876543001	111222333005	Y 104	
98765432109876543002	111222333006	N	2004-10-12 12:34
98765432109876543002	111222333156	N	2004-10-14 10:34
98765432109876543002	111222333773	Υ	2004-10-14 10:34
98765432109876543003	111222333007	Υ	
			•
108			

**Fig 10** 



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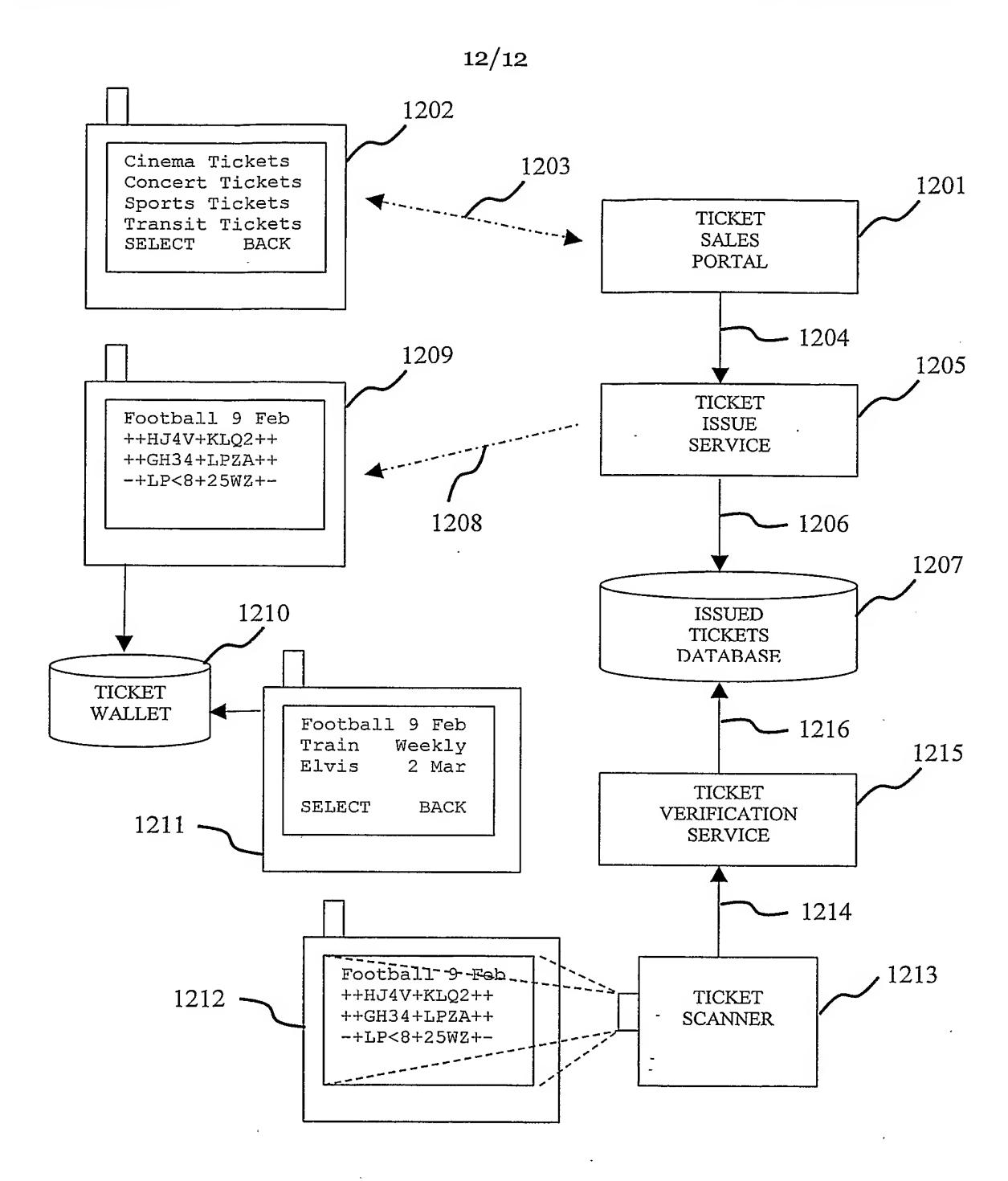


Fig 12